BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Foundation Diploma in Agriculture Pearson BTEC International Level 3 Diploma in Agriculture Pearson BTEC International Level 3 Extended Diploma in Agriculture
Unit number and title	Unit 9: International Poultry Production
Learning aim(s)	**B** Carry out diet management and feeding practices during the production cycle to maintain health and production targets **C** Carry out routine husbandry of poultry during the production cycle to meet current welfare and husbandry standards
Assignment title	**Poultry nutrition and routine husbandry**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are working on a small-scale poultry farm as a supervisor, and you have been asked to document the management and routine husbandry processes that are required over the year. You will need to maintain record of your activities for compliance with the farm, ensuring you comply with the policies and procedures required of you to maintain standards.
Task 1	Produce a nutritional and dietary feeding plan covering the full production cycle of chickens in one production system. You plan must clearly show strategies for: • meeting nutritional requirements • a formulated ration for each life stage of the bird • feeding strategies; feeding and watering equipment • cleaning and maintenance of feeding and watering equipment • feed storage • weight gain and maintenance at each life stage • common nutritional problems to identify. Carry out poultry feeding tasks and keep a logbook of your activities, which includes photographic evidence and observation records from your assessor.
Checklist of evidence required	Nutritional planning document. Activities logbook.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
B.D2	Demonstrate, with a high degree of accuracy, feeding and diet management of poultry to maintain health and production targets, evaluating the impact of nutrition and own feeding and diet management tasks.
B.M3	Analyse the impact that nutrition, diet management and feeding have on health and production targets.
B.M4	Demonstrate efficient feeding and diet management of poultry to maintain health and production targets.
B.P3	Explain the importance of diet management and feeding practices throughout the poultry production cycle.
B.P4	Demonstrate competent feeding and diet management of poultry to maintain and health and production targets

Task 2	You will carry out correct routine management and husbandry during the production cycle, and show evidence of the following activities in your logbook: • routine feeding and watering • preparation of housing and environment • cleaning and biosecurity • maintaining environment, including ventilation, temperature, lighting, basic litter management • routine checks of health and welfare • health checking using indicators of good health • record keeping, including veterinary medicines book, record or births and deaths and husbandry records • daily routine practices, including feather clipping, tagging, external parasite control • correct bird handling and restraint techniques • routine inspections, including process and frequency for mature birds and chicks, leg health. • breeding of poultry and rearing from egg to maturity. You should produce written justifications for the practical activities completed and highlight areas of good practices and areas which need development.
Checklist of evidence required	Portfolio of evidence, practical activities logbook, observation records, written reports in logbook.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria, you must show that you are able to:
C.D3	Demonstrate, with a high degree of accuracy, routine husbandry and assessment of health and welfare of poultry in a commercial system to maintain health and production objectives.
C.M5	Demonstrate efficient routine husbandry and assessment of health and welfare of poultry in a commercial system to meet health and production targets.
C.P5	Demonstrate competent routine husbandry of poultry to meet health and production targets.
C.P6	Demonstrate competent assessment of poultry health and welfare in a commercial system.
Sources of information to support you with this Assignment	**Books** Flanders, F. Gillespie, J. (2015). *Modern Livestock & Poultry Production*. London: CENGAGE Delmar Learning. ISBN; 978-1133283508 Applegate, T. (2017). *Achieving sustainable production of poultry meat*. Cambridge. Burleigh Dodds. ISBN: 978-1786760722 Kleyn, R. (2013). *Chicken Nutrition: A Guide for Nutritionists and Poultry Professionals*. London: Context Publications. ISBN; 978-1899043422 **Websites** poultryhub.org/research/dedicated-poultry-science-journals/ fao.org/poultry-production-products/production